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DATE: Friday, May 21, 2004

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		<i>DB=USPT; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L2	GapC4	7
<input type="checkbox"/>	L1	6194201.pn.	1

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NEWS 3 JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 4 JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAPLUS
NEWS 5 FEB 05	German (DE) application and patent publication number format changes
NEWS 6 MAR 03	MEDLINE and LMEADLINE reloaded
NEWS 7 MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03	FRANCEPAT now available on STN
NEWS 9 MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29	WPIFV now available on STN
NEWS 11 MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12 APR 26	PROMT: New display field available
NEWS 13 APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS 14 APR 26	LITALERT now available on STN
NEWS 15 APR 27	NLDB: New search and display fields available
NEWS 16 May 10	PROUSDDR now available on STN
NEWS 17 May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS 18 May 12	EXTEND option available in structure searching
NEWS 19 May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20 May 17	FRFULL now available on STN
NEWS EXPRESS	MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:43:33 ON 21 MAY 2004

=> file .agbiotech
COST IN U.S. DOLLARS

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FILE 'AGRICOLA' ENTERED AT 16:44:31 ON 21 MAY 2004

FILE 'BIOSIS' ENTERED AT 16:44:31 ON 21 MAY 2004
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=> s GapC4
L1 44 GAPC4

=> cup rem l1
CUP IS NOT A RECOGNIZED COMMAND
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"HELP COMMANDS" at an arrow prompt (=>).

=> dup rem l1
PROCESSING COMPLETED FOR L1
L2 17 DUP REM L1 (27 DUPLICATES REMOVED)

=> d 1-17

L2 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
AN 2003:204727 CAPLUS
DN 139:1828
TI Light-dependent anaerobic induction of the maize glyceraldehyde-3-phosphate dehydrogenase 4 (**GapC4**) promoter in Arabidopsis thaliana and Nicotiana tabacum
AU Haensch, Robert; Mendel, Ralf R.; Cerff, Ruediger; Hehl, Reinhard
CS Botanical Institute, Technical University of Braunschweig, Braunschweig, D-38106, Germany
SO Annals of Botany (Oxford, United Kingdom) (2003), 91(Spec. Issue), 149-154
CODEN: ANBOA4; ISSN: 0305-7364
PB Oxford University Press
DT Journal
LA English
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
AN 2003:889661 CAPLUS
DN 140:178309
TI Anaerobic induction of the maize **GapC4** promoter in poplar leaves requires light and high CO2
AU Haensch, Robert; Kurz, Tobias; Schulze, Jutta; Mendel, Ralf R.; Cerff, Ruediger; Hehl, Reinhard
CS Institut fuer Genetik, Technische Universitaet Braunschweig, Braunschweig, 38106, Germany
SO Planta (2003), 218(1), 79-86

CODEN: PLANAB; ISSN: 0032-0935

PB Springer-Verlag

DT Journal

LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:123197 CAPLUS

DN 136:162341

TI Inducible expression constructs for site-specific recombinase genes and
their use in regulated excision of transforming DNA from plant genomes
with selection of transformed plants

IN Buelow, Lorenz; Duering, Klaus

PA MPB Cologne G.m.b.H., Germany

SO PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002012474	A2	20020214	WO 2001-DE2511	20010704
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	DE 10038573	A1	20020221	DE 2000-10038573	20000803
	AU 2001079561	A5	20020218	AU 2001-79561	20010704
PRAI	DE 2000-10038573	A	20000803		
	WO 2001-DE2511	W	20010704		

L2 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:851406 CAPLUS

DN 136:1627

TI Inducible expression constructs for site-specific recombinase genes and
their use in regulated excision of transforming DNA from plant genomes

IN Duering, Klaus

PA MPB Cologne G.m.b.H., Germany

SO PCT Int. Appl., 31 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001088164	A1	20011122	WO 2001-DE780	20010228
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	DE 10024740	A1	20011129	DE 2000-10024740	20000519

AU 2001046363 A5 20011126 AU 2001-46363 20010228
PRAI DE 2000-10024740 A 20000519
WO 2001-DE780 W 20010228
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 17 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:371565 BIOSIS
DN PREV200100371565
TI Expression system for anaerobic gene expression in higher plants.
AU Cerff, Rudiger [Inventor, Reprint author]; During, Klaus [Inventor]; Hehl, Reinhard [Inventor]; Kohler, Uwe [Inventor]
CS Braunschweig, Germany
ASSIGNEE: MPG Cologne GmbH Molecular Plant and Protein Biotechnology, Cologne, Germany
PI US 6194201 February 27, 2001
SO Official Gazette of the United States Patent and Trademark Office Patents, (Feb. 27, 2001) Vol. 1243, No. 4. e-file.
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent
LA English
ED Entered STN: 8 Aug 2001
Last Updated on STN: 19 Feb 2002

L2 ANSWER 6 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3
AN 2001:820102 CAPLUS
DN 136:336056
TI The TATA box and a Myb binding site are essential for anaerobic expression of a maize **GapC4** minimal promoter in tobacco
AU Geffers, Robert; Sell, Simone; Cerff, Rudiger; Hehl, Reinhard
CS Technical University of Braunschweig, Institute of Genetics, Braunschweig, D-38106, Germany
SO Biochimica et Biophysica Acta (2001), 1521(1-3), 120-125
CODEN: BBACAQ; ISSN: 0006-3002
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4
AN 2000:584016 CAPLUS
DN 133:263871
TI Anaerobiosis-specific interaction of tobacco nuclear factors with cis-regulatory sequences in the maize **GapC4** promoter
AU Geffers, Robert; Cerff, Rudiger; Hehl, Reinhard
CS Institute of Genetics, Technical University of Braunschweig, Braunschweig, 38106, Germany
SO Plant Molecular Biology (2000), 43(1), 11-21
CODEN: PMBIDB; ISSN: 0167-4412
PB Kluwer Academic Publishers
DT Journal
LA English
RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:246076 CAPLUS
DN 131:29913
TI Induction of the maize **GapC4** promoter in transgenic potato under anaerobiosis and in Erwinia carotovora-inoculated tuber tissue
AU Bulow, Lorenz; Kohler, Uwe; Cerff, Rudiger; Hehl, Reinhard; During, Klaus

CS Federal Centre for Breeding Research on Cultivated Plants, Institute for
Breeding Methods in Vegetables, Quedlinburg, D-06484, Germany
SO Molecular Plant-Microbe Interactions (1999), 12(3), 187-188
CODEN: MPMIEL; ISSN: 0894-0282
PB APS Press
DT Journal
LA English

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 9 OF 17 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 5
AN 1999:60807 CABA
DN 19991002001
TI Induction of the maize **GapC4** promoter in transgenic potato under
anaerobiosis and in *Erwinia carotovora*-inoculated tuber tissue
AU Bulow, L.; Kohler, U.; Cerff, R.; Hehl, R.; Düring, K.
CS Federal Centre for Breeding Research on Cultivated Plants, Institute for
Breeding Methods in Vegetables, Neuer Weg 22/23, D-06484 Quedlinburg,
Germany.
SO Molecular Plant-Microbe Interactions, (1999) Vol. 12, No. 3, pp. 182-188.
11 ref.
ISSN: 0894-0282
DT Journal
LA English
ED Entered STN: 19990511
Last Updated on STN: 19990511

L2 ANSWER 10 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:276433 CAPLUS
DN 126:247544
TI Use of **GapC4** gene promoter for anaerobic gene expression in
higher plants
IN Cerff, Ruediger; Düring, Klaus; Hehl, Reinhard; Koehler, Uwe
PA Germany
SO Ger., 4 pp.
CODEN: GWXXAW
DT Patent
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19547272	C1	19970327	DE 1995-19547272	19951219
	CA 2246299	AA	19970626	CA 1996-2246299	19961217
	WO 9722707	A1	19970626	WO 1996-DE2428	19961217
	W: AU, CA, JP, NZ, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9720208	A1	19970714	AU 1997-20208	19961217
	AU 724617	B2	20000928		
	EP 876496	A1	19981111	EP 1996-946241	19961217
	R: AT, BE, CH, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	NZ 330738	A	20000526	NZ 1996-330738	19961217
	JP 2000515361	T2	20001121	JP 1997-522423	19961217
	US 6194201	B1	20010227	US 1998-91693	19981027
PRAI	DE 1995-19547272	A	19951219		
	WO 1996-DE2428	W	19961217		

L2 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 6
AN 1997:143319 CAPLUS
DN 126:221278
TI Molecular characterization and promoter analysis of the maize cytosolic
glyceraldehyde 3-phosphate dehydrogenase gene family and its expression
during anoxia

AU Manjunath, Sivalinganna; Sachs, Martin M.
 CS Department of Crop Sciences, University of Illinois, Urbana, IL, 61801, USA
 SO Plant Molecular Biology (1997), 33(1), 97-112
 CODEN: PMBIDB; ISSN: 0167-4412
 PB Kluwer
 DT Journal
 LA English

L2 ANSWER 12 OF 17 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN
 AN 97:15388 AGRICOLA
 DN IND20550090
 TI The maize **GapC4** promoter confers anaerobic reporter gene expression and shows homology to the maize anthocyanin regulatory locus C1.
 AU Kohler, U.; Liaud, M.F.; Mendel, R.R.; Cerff, R.; Hehl, R.
 CS Technische Universitat Braunschweig, Braunschweig, Germany.
 AV DNAL (QK710.P62)
 SO Plant molecular biology, Dec 1996. Vol. 29, No. 6. p. 1293-1298
 Publisher: Dordrecht : Kluwer Academic Publishers.
 CODEN: PMBIDB; ISSN: 0167-4412
 NTE Includes references
 CY Netherlands
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

L2 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 7
 AN 1996:368311 CAPLUS
 DN 125:27600
 TI Intron-specific stimulation of anaerobic gene expression and splicing efficiency in maize cells
 AU Koehler, Uwe; Donath, Michael; Mendel, Ralf R.; Cerff, Ruediger; Hehl, Reinhard
 CS Inst. Genet., Tech. Univ. Braunschweig, Braunschweig, 38106, Germany
 SO Molecular & General Genetics (1996), 251(2), 252-258
 CODEN: MGGEAE; ISSN: 0026-8925
 PB Springer
 DT Journal
 LA English

L2 ANSWER 14 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 8
 AN 1996:502548 CAPLUS
 DN 125:160302
 TI A promoter for strong and ubiquitous anaerobic gene expression in tobacco
 AU Koehler, Uwe; Mendel, Ralf R.; Cerff, Ruediger; Hehl, Reinhard
 CS Institut fur Genetik, Technische Universitat Braunschweig, Braunschweig, D-38106, Germany
 SO Plant Journal (1996), 10(1), 175-183
 CODEN: PLJUED; ISSN: 0960-7412
 PB Blackwell
 DT Journal
 LA English

L2 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 9
 AN 1996:123164 CAPLUS
 DN 124:167166
 TI The maize **GapC4** promoter confers anaerobic reporter gene expression and shows homology to the maize anthocyanin regulatory locus C1

AU Koehler, Uwe; Liaud, Marie-Francoise; Mendel, Ralf R.; Cerff, Ruediger;
Hehl, Reinhard
CS Institut fuer Genetik, Technische Universitaet Braunschweig, Braunschweig,
38106, Germany
SO Plant Molecular Biology (1995), 29(6), 1293-8
CODEN: PMBIDB; ISSN: 0167-4412
PB Kluwer
DT Journal
LA English

L2 ANSWER 16 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 10
AN 1992:486874 CAPLUS
DN 117:86874
TI Protein synthesis in maize during anaerobic and heat stress
AU Russell, Douglas A.; Sachs, Martin M.
CS Dep. Biol., Washington Univ., St. Louis, MO, 63130, USA
SO Plant Physiology (1992), 99(2), 615-20
CODEN: PLPHAY; ISSN: 0032-0889
DT Journal
LA English

L2 ANSWER 17 OF 17 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2004) on STN
AN 2004:10673 AGRICOLA
DN IND43618087
TI Anaerobic induction of the maize **GapC4** promoter in poplar leaves
requires light and high CO2.
AU Hansch, R.; Kurz, T.; Schulze, J.; Mendel, R.R.; Cerff, R.; Hehl, R.
AV DNAL (450 P693)
SO Planta, p. 79-86
ISSN: 0032-0935
NTE Includes references
DT Article
FS Non US
LA English

=> d his

(FILE 'HOME' ENTERED AT 16:43:33 ON 21 MAY 2004)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 16:44:31 ON 21 MAY 2004

L1 44 S GAPC4
L2 17 DUP REM L1 (27 DUPLICATES REMOVED)

Helmer, Georgia

Subject: anaerobic stuff

STN

5/24/84

09/889, 686

L2 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1

AN 2003:204727 CAPLUS

DN 139:1828

TI Light-dependent anaerobic induction of the maize glyceraldehyde-3-phosphate dehydrogenase 4 (GapC4) promoter in Arabidopsis thaliana and Nicotiana tabacum

AU Haensch, Robert; Mendel, Ralf R.; Cerff, Ruediger; Hehl, Reinhard

CS Botanical Institute, Technical University of Braunschweig, Braunschweig, D-38106, Germany

SO Annals of Botany (Oxford, United Kingdom) (2003), 91(Spec. Issue), 149-154

CODEN: ANBOA4; ISSN: 0305-7364

PB Oxford University Press

DT Journal

LA English

RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2

AN 2003:889661 CAPLUS

DN 140:178309

TI Anaerobic induction of the maize GapC4 promoter in poplar leaves requires light and high CO2

AU Haensch, Robert; Kurz, Tobias; Schulze, Jutta; Mendel, Ralf R.; Cerff, Ruediger; Hehl, Reinhard

CS Institut fuer Genetik, Technische Universitaet Braunschweig, Braunschweig, 38106, Germany

SO Planta (2003), 218(1), 79-86

CODEN: PLANAB; ISSN: 0032-0935

PB Springer-Verlag

DT Journal

LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:123197 CAPLUS

DN 136:162341

TI Inducible expression constructs for site-specific recombinase genes and their use in regulated excision of transforming DNA from plant genomes with selection of transformed plants

IN Buelow, Lorenz; Duering, Klaus

PA MPB Cologne G.m.b.H., Germany

SO PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO	2002012474	A2	20020214	WO	2001-DE2511	20010704
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W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,

YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
DE 10038573 A1 20020221 DE 2000-10038573 20000803
AU 2001079561 A5 20020218 AU 2001-79561 20010704
PRAI DE 2000-10038573 A 20000803
WO 2001-DE2511 W 20010704

L2 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:851406 CAPLUS
DN 136:1627
TI Inducible expression constructs for site-specific recombinase genes and
their use in regulated excision of transforming DNA from plant genomes
IN Duering, Klaus
PA MPB Cologne G.m.b.H., Germany
SO PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001088164	A1	20011122	WO 2001-DE780	20010228
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG DE 10024740 A1 20011129 DE 2000-10024740 20000519 AU 2001046363 A5 20011126 AU 2001-46363 20010228 PRAI DE 2000-10024740 A 20000519 WO 2001-DE780 W 20010228 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L2 ANSWER 5 OF 17 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:371565 BIOSIS
DN PREV200100371565
TI Expression system for anaerobic gene expression in higher plants.
AU Cerff, Rudiger [Inventor, Reprint author]; During, Klaus [Inventor]; Hehl,
Reinhard [Inventor]; Kohler, Uwe [Inventor]
CS Braunschweig, Germany
ASSIGNEE: MPG Cologne GmbH Molecular Plant and Protein Biotechnology,
Cologne, Germany
PI US 6194201 February 27, 2001
SO Official Gazette of the United States Patent and Trademark Office Patents,
(Feb. 27, 2001) Vol. 1243, No. 4. e-file.
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent
LA English
ED Entered STN: 8 Aug 2001
Last Updated on STN: 19 Feb 2002

L2 ANSWER 6 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3
AN 2001:820102 CAPLUS
DN 136:336056
TI The TATA box and a Myb binding site are essential for anaerobic expression

of a maize GapC4 minimal promoter in tobacco
 AU Geffers, Robert; Sell, Simone; Cerff, Rudiger; Hehl, Reinhard
 CS Technical University of Braunschweig, Institute of Genetics, Braunschweig,
 D-38106, Germany
 SO Biochimica et Biophysica Acta (2001), 1521(1-3), 120-125
 CODEN: BBACAQ; ISSN: 0006-3002
 PB Elsevier Science B.V.
 DT Journal
 LA English
 RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4
 AN 2000:584016 CAPLUS
 DN 133:263871
 TI Anaerobiosis-specific interaction of tobacco nuclear factors with
 cis-regulatory sequences in the maize GapC4 promoter
 AU Geffers, Robert; Cerff, Rudiger; Hehl, Reinhard
 CS Institute of Genetics, Technical University of Braunschweig, Braunschweig,
 38106, Germany
 SO Plant Molecular Biology (2000), 43(1), 11-21
 CODEN: PMBIDB; ISSN: 0167-4412
 PB Kluwer Academic Publishers
 DT Journal
 LA English
 RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:246076 CAPLUS
 DN 131:29913
 TI Induction of the maize GapC4 promoter in transgenic potato under
 anaerobiosis and in Erwinia carotovora-inoculated tuber tissue
 AU Bulow, Lorenz; Kohler, Uwe; Cerff, Rudiger; Hehl, Reinhard; During, Klaus
 CS Federal Centre for Breeding Research on Cultivated Plants, Institute for
 Breeding Methods in Vegetables, Quedlinburg, D-06484, Germany
 SO Molecular Plant-Microbe Interactions (1999), 12(3), 187-188
 CODEN: MPMIEL; ISSN: 0894-0282
 PB APS Press
 DT Journal
 LA English
 RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L2 ANSWER 9 OF 17 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 5
 AN 1999:60807 CABA
 DN 19991002001
 TI Induction of the maize GapC4 promoter in transgenic potato under
 anaerobiosis and in Erwinia carotovora-inoculated tuber tissue
 AU Bulow, L.; Kohler, U.; Cerff, R.; Hehl, R.; During, K.
 CS Federal Centre for Breeding Research on Cultivated Plants, Institute for
 Breeding Methods in Vegetables, Neuer Weg 22/23, D-06484 Quedlinburg,
 Germany.
 SO Molecular Plant-Microbe Interactions, (1999) Vol. 12, No. 3, pp. 182-188.
 11 ref.
 ISSN: 0894-0282
 DT Journal
 LA English
 ED Entered STN: 19990511
 Last Updated on STN: 19990511

L2 ANSWER 10 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:276433 CAPLUS

DN 126:247544

TI Use of GapC4 gene promoter for anaerobic gene expression in higher plants

IN Cerff, Ruediger; Duering, Klaus; Hehl, Reinhard; Koehler, Uwe

PA Germany

SO Ger., 4 pp.

CODEN: GWXXAW

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 19547272	C1	19970327	DE 1995-19547272	19951219
CA 2246299	AA	19970626	CA 1996-2246299	19961217
WO 9722707	A1	19970626	WO 1996-DE2428	19961217
W: AU, CA, JP, NZ, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9720208	A1	19970714	AU 1997-20208	19961217
AU 724617	B2	20000928		
EP 876496	A1	19981111	EP 1996-946241	19961217
R: AT, BE, CH, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
NZ 330738	A	20000526	NZ 1996-330738	19961217
JP 2000515361	T2	20001121	JP 1997-522423	19961217
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WO 1996-DE2428	W	19961217		

L2 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 6

AN 1997:143319 CAPLUS

DN 126:221278

TI Molecular characterization and promoter analysis of the maize cytosolic glyceraldehyde 3-phosphate dehydrogenase gene family and its expression during anoxia

AU Manjunath, Sivalinganna; Sachs, Martin M.

CS Department of Crop Sciences, University of Illinois, Urbana, IL, 61801, USA

SO Plant Molecular Biology (1997), 33(1), 97-112

CODEN: PMBIDB; ISSN: 0167-4412

PB Kluwer

DT Journal

LA English

L2 ANSWER 12 OF 17 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN

AN 97:15388 AGRICOLA

DN IND20550090

TI The maize GapC4 promoter confers anaerobic reporter gene expression and shows homology to the maize anthocyanin regulatory locus C1.

AU Kohler, U.; Liaud, M.F.; Mendel, R.R.; Cerff, R.; Hehl, R.

CS Technische Universitat Braunschweig, Braunschweig, Germany.

AV DNAL (QK710.P62)

SO Plant molecular biology, Dec 1996. Vol. 29, No. 6. p. 1293-1298

Publisher: Dordrecht : Kluwer Academic Publishers.

CODEN: PMBIDB; ISSN: 0167-4412

NTE Includes references

CY Netherlands

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L2 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 7

AN 1996:368311 CAPLUS

DN 125:27600

TI Intron-specific stimulation of anaerobic gene expression and splicing efficiency in maize cells

AU Koehler, Uwe; Donath, Michael; Mendel, Ralf R.; Cerff, Ruediger; Hehl, Reinhard

CS Inst. Genet., Tech. Univ. Braunschweig, Braunschweig, 38106, Germany

SO Molecular & General Genetics (1996), 251(2), 252-258

CODEN: MGGEAE; ISSN: 0026-8925

PB Springer

DT Journal

LA English

L2 ANSWER 14 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 8

AN 1996:502548 CAPLUS

DN 125:160302

TI A promoter for strong and ubiquitous anaerobic gene expression in tobacco

AU Koehler, Uwe; Mendel, Ralf R.; Cerff, Ruediger; Hehl, Reinhard

CS Institut fur Genetik, Technische Universitat Braunschweig, Braunschweig, D-38106, Germany

SO Plant Journal (1996), 10(1), 175-183

CODEN: PLJUED; ISSN: 0960-7412

PB Blackwell

DT Journal

LA English

L2 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 9

AN 1996:123164 CAPLUS

DN 124:167166

TI The maize GapC4 promoter confers anaerobic reporter gene expression and shows homology to the maize anthocyanin regulatory locus C1

AU Koehler, Uwe; Liaud, Marie-Francoise; Mendel, Ralf R.; Cerff, Ruediger; Hehl, Reinhard

CS Institut fuer Genetik, Technische Universitaet Braunschweig, Braunschweig, 38106, Germany

SO Plant Molecular Biology (1995), 29(6), 1293-8

CODEN: PMBIDB; ISSN: 0167-4412

PB Kluwer

DT Journal

LA English

L2 ANSWER 16 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 10

AN 1992:486874 CAPLUS

DN 117:86874

TI Protein synthesis in maize during anaerobic and heat stress

AU Russell, Douglas A.; Sachs, Martin M.

CS Dep. Biol., Washington Univ., St. Louis, MO, 63130, USA

SO Plant Physiology (1992), 99(2), 615-20

CODEN: PLPHAY; ISSN: 0032-0889

DT Journal

LA English

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AN 2004:10673 AGRICOLA

DN IND43618087

TI Anaerobic induction of the maize GapC4 promoter in poplar leaves

requires light and high CO₂.
AU Hansch, R.; Kurz, T.; Schulze, J.; Mendel, R.R.; Cerff, R.; Hehl, R.
AV DNAL (450 P693)
SO Planta, p. 79-86
ISSN: 0032-0935
NTE Includes references
DT Article
FS Non US
LA English